

Packet Count in G-CDR

This chapter describes the following topics:

- Feature Summary and Revision History, on page 1
- Feature Description, on page 2
- How It Works, on page 2
- Configuring Packet Count in G-CDR, on page 2
- Monitoring and Troubleshooting, on page 3

Feature Summary and Revision History

Summary Data

Applicable Product(s) or Functional Area	P-GW
Applicable Platform(s)	• ASR 5500 • VPC - DI • VPC - SI
Feature Default	Enabled - Always-on
Related Changes in This Release	Not Applicable
Related Documentation	*P-GW Administration Guide*

Revision History

Important Revision history details are not provided for features introduced before releases 21.2 and N5.1.

Revision Details	Release
With this release, the P-GW accepts the Modify Bearer Request message that is without Bearer Context, and with old F-TEID.	21.14

Revision Details	Release
First introduced.	Pre 21.2

Feature Description

When an IoT UE is attached, they send a message, as needed, and go into Power Saving Mode (PSM) until the time they have to transmit the next message. The IoT UE does not detach (that is, session termination) after every message. By assessing the number of such messages through CDRs generated for the IoT UE session, the Operator can implement billing for IoT devices by including the packet counts in offline billing records.

Important This feature is applicable to custom24 GTPP dictionary.

How It Works

As part of this feature, two new attributes are introduced for the packet count: datapacketsFBCDownlink and datapacketsFBCUplink. These two attributes are CLI-controlled and visible only when the CLI is enabled. The existing attributes are not modified or removed.

Configuring Packet Count in G-CDR

This section provides information about the CLI commands available in support of the feature.

Enabling Packet Count in G-CDR

Use the following commands to enable or disable sending of packet counts in G-CDR under the GTPP Server Group Configuration mode.

```
configure
  context context_name
    gtpp group group_name
      [ no ] gtpp attribute packet-count
      end
```

NOTES:

- **no**: Disables sending of uplink and downlink packet count in G-CDR.
- **packet-count**: Specifying this option includes the optional field of "datapacketFBCUplink" and "datapacketFBCDownlink" in the CDR.
- By default, the **gtpp attribute packet-count** CLI command is disabled.

Monitoring and Troubleshooting

This section provides information regarding CLI commands available for monitoring and troubleshooting the feature.

Show Command(s) and/or Outputs

This section provides information regarding show commands and/or their outputs in support of this feature.

show configuration

The output of this CLI command has been enhanced to display the following new field when the feature is enabled: gtpp attribute packet-count

show gtpp group name <name>

The output of this CLI command has been enhanced to display the following new field when the feature is enabled: Packet count present

show gtpp group name <name>